



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

PLAN APPROVAL

Issue Date:

Effective Date:

Expiration Date:

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to construct, install, modify or reactivate the air emission source(s) more fully described in the site inventory list. This Facility is subject to all terms and conditions specified in this plan approval. Nothing in this plan approval relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each plan approval condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated as "State-Only" requirements.

Plan Approval No. 59-00004J

Federal Tax Id - Plant Code: 71-1042639-1

Owner Information

Name: WARD MFG INC
Mailing Address: PO BOX 9
117 GULICK ST
BLOSSBURG, PA 16912-0009

Plant Information

Plant: WARD MFG LLC/BLOSSBURG PLTS 1-3
Location: 59 Tioga County 59904 Blossburg Borough
SIC Code: 3322 Manufacturing - Malleable Iron Foundries

Responsible Official

Name: ARTHUR P GUIDI
Title: PRESIDENT & COO
Phone: (570) 638 - 2131

Plan Approval Contact Person

Name: BRYAN BUCKLEN
Title: ENVIRONMENTAL CONSULTANT
Phone: (570) 638 - 2131

[Signature] _____
MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION



Plan Approval Description

This plan approval is issued for the construction of two Blast Cleaning Technologies model BCTM-14D iron castings shot blast machines and for the installation of an existing Wheelabrator 1111TA model 120 fabric collector (control device C19) and an existing Farr Tenkay model 32D cartridge collector (control device C24) for the control of the particulate matter emissions from the Blast Cleaning Technologies shot blast machines. The one Blast Cleaning Technologies shot blast machine will replace a Wheelabrator Corporation Tumbleblast shot blaster located in Plant 1 (Source ID 107) and the other will replace a Wheelabrator model #14 tumbleblast machine located in Plant 3 (Source ID 163).

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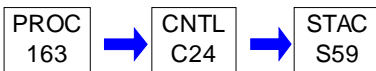
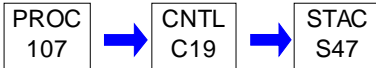


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**SECTION A. Plan Approval Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
107	3 TUMBLAST MACHINES		
163	5 TUMBLAST MACHINES		
C19	FABRIC COLLECTOR #1111TA		
C24	FARR TENKAY MODEL 32D CARTRIDGE COLL.		
S47	FAB COL STACK #1111TA		
S59	SHOT BLAST MACHINES STACK		

PERMIT MAPS

SECTION B. General Plan Approval Requirements

#001 [25 Pa. Code § 121.1]

Definitions

Words and terms that are not otherwise defined in this plan approval shall have the meanings set forth in Section 3 of the Air Pollution Control Act (35 P.S. § 4003) and 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 127.12b (a) (b)]

Future Adoption of Requirements

The issuance of this plan approval does not prevent the future adoption by the Department of any rules, regulations or standards, or the issuance of orders necessary to comply with the requirements of the Federal Clean Air Act or the Pennsylvania Air Pollution Control Act, or to achieve or maintain ambient air quality standards. The issuance of this plan approval shall not be construed to limit the Department's enforcement authority.

#003 [25 Pa. Code § 127.12b]

Plan Approval Temporary Operation

This plan approval authorizes temporary operation of the source(s) covered by this plan approval provided the following conditions are met.

(a) When construction, installation, modification, or reactivation is being conducted, the permittee shall provide written notice to the Department of the completion of the activity approved by this plan approval and the permittee's intent to commence operation at least five (5) working days prior to the completion of said activity. The notice shall state when the activity will be completed and when the permittee expects to commence operation. When the activity involves multiple sources on different time schedules, notice is required for the commencement of operation of each source.

(b) Pursuant to 25 Pa. Code § 127.12b (d), temporary operation of the source(s) is authorized to facilitate the shakedown of sources and air cleaning devices, to permit operations pending the issuance of a permit under 25 Pa. Code Chapter 127, Subchapter F (relating to operating permits) or Subchapter G (relating to Title V operating permits) or to permit the evaluation of the air contaminant aspects of the source.

(c) This plan approval authorizes a temporary operation period not to exceed 180 days from the date of commencement of operation, provided the Department receives notice from the permittee pursuant to paragraph (a), above.

(d) The permittee may request an extension of the 180-day shakedown period if further evaluation of the air contamination aspects of the source(s) is necessary. The request for an extension shall be submitted, in writing, to the Department at least 15 days prior to the end of the initial 180-day shakedown period and shall provide a description of the compliance status of the source, a detailed schedule for establishing compliance, and the reasons compliance has not been established. This temporary operation period will be valid for a limited time and may be extended for additional limited periods, each not to exceed 180 days.

(e) The notice submitted by the permittee pursuant to subpart (a) above, prior to the expiration of the plan approval, shall modify the plan approval expiration date on Page 1 of this plan approval. The new plan approval expiration date shall be 180 days from the date of commencement of operation.

#004 [25 Pa. Code § 127.12(a) (10)]

Content of Applications

The permittee shall maintain and operate the sources and associated air cleaning devices in accordance with good engineering practice as described in the plan approval application submitted to the Department.

#005 [25 Pa. Code §§ 127.12(c) and (d) & 35 P.S. § 4013.2]

Public Records and Confidential Information

(a) The records, reports or information obtained by the Department or referred to at public hearings shall be available to the public, except as provided in paragraph (b) of this condition.

(b) Upon cause shown by the permittee that the records, reports or information, or a particular portion thereof, but not emission data, to which the Department has access under the act, if made public, would divulge production or sales figures or methods, processes or production unique to that person or would otherwise tend to affect adversely the

SECTION B. General Plan Approval Requirements

competitive position of that person by revealing trade secrets, including intellectual property rights, the Department will consider the record, report or information, or particular portion thereof confidential in the administration of the act. The Department will implement this section consistent with sections 112(d) and 114(c) of the Clean Air Act (42 U.S.C.A. § § 7412(d) and 7414(c)). Nothing in this section prevents disclosure of the report, record or information to Federal, State or local representatives as necessary for purposes of administration of Federal, State or local air pollution control laws, or when relevant in a proceeding under the act.

#006 [25 Pa. Code § 127.12b]

Plan Approval terms and conditions.

[Additional authority for this condition is derived from 25 Pa. Code Section 127.13]

(a) This plan approval will be valid for a limited time, as specified by the expiration date contained on Page 1 of this plan approval. Except as provided in § § 127.11a and 127.215 (relating to reactivation of sources; and reactivation), at the end of the time, if the construction, modification, reactivation or installation has not been completed, a new plan approval application or an extension of the previous approval will be required.

(b) If construction has commenced, but cannot be completed before the expiration of this plan approval, an extension of the plan approval must be obtained to continue construction. To allow adequate time for departmental action, a request for the extension shall be postmarked at least thirty (30) days prior to the expiration date. The request for an extension shall include the following:

- (i) A justification for the extension,
- (ii) A schedule for the completion of the construction

If construction has not commenced before the expiration of this plan approval, then a new plan approval application must be submitted and approval obtained before construction can commence.

(c) If the construction, modification or installation is not commenced within 18 months of the issuance of this plan approval or if there is more than an 18-month lapse in construction, modification or installation, a new plan approval application that meets the requirements of 25 Pa. Code Chapter 127, Subchapter B (related to plan approval requirements), Subchapter D (related to prevention of significant deterioration of air quality), and Subchapter E (related to new source review) shall be submitted. The Department may extend the 18-month period upon a satisfactory showing that an extension is justified.

#007 [25 Pa. Code § 127.32]

Transfer of Plan Approvals

(a) This plan approval may not be transferred from one person to another except when a change of ownership is demonstrated to the satisfaction of the Department and the Department approves the transfer of the plan approval in writing.

(b) Section 127.12a (relating to compliance review) applies to a request for transfer of a plan approval. A compliance review form shall accompany the request.

(c) This plan approval is valid only for the specific source and the specific location of the source as described in the application.

#008 [25 Pa. Code § 127.12(4) & 35 P.S. § 4008 & § 114 of the CAA]

Inspection and Entry

(a) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act.

(b) The permittee shall also allow the Department to have access at reasonable times to said sources and associated air cleaning devices with such measuring and recording equipment, including equipment recording visual observations, as the Department deems necessary and proper for performing its duties and for the effective enforcement of the Air Pollution Control Act and regulations adopted under the act.

SECTION B. General Plan Approval Requirements

(c) Nothing in this plan approval condition shall limit the ability of the Environmental Protection Agency to inspect or enter the premises of the permittee in accordance with Section 114 or other applicable provisions of the Clean Air Act.

#009 [25 Pa. Code 127.13a]**Plan Approval Changes for Cause**

This plan approval may be terminated, modified, suspended or revoked and reissued if one or more of the following applies:

- (a) The permittee constructs or operates the source subject to the plan approval in violation of the act, the Clean Air Act, the regulations promulgated under the act or the Clean Air Act, a plan approval or permit or in a manner that causes air pollution.
- (b) The permittee fails to properly or adequately maintain or repair an air pollution control device or equipment attached to or otherwise made a part of the source.
- (c) The permittee fails to submit a report required by this plan approval.
- (d) The Environmental Protection Agency determines that this plan approval is not in compliance with the Clean Air Act or the regulations thereunder.

#010 [25 Pa. Code §§ 121.9 & 127.216]**Circumvention**

- (a) The permittee, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.
- (b) No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of this plan approval, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#011 [25 Pa. Code § 127.12c]**Submissions**

Reports, test data, monitoring data, notifications shall be submitted to the:

Regional Air Program Manager
PA Department of Environmental Protection
(At the address given on the plan approval transmittal letter or otherwise notified)

#012 [25 Pa. Code § 127.12(9) & 40 CFR Part 68]**Risk Management**

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).

(b) The permittee shall prepare and implement a Risk Management Plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the listed threshold quantity at the facility. The permittee shall submit the RMP to the Environmental Protection Agency according to the following schedule and requirements:

(1) The permittee shall submit the first RMP to a central point specified by the Environmental Protection Agency no later than the latest of the following:

SECTION B. General Plan Approval Requirements

- (i) Three years after the date on which a regulated substance is first listed under § 68.130; or,
- (ii) The date on which a regulated substance is first present above a threshold quantity in a process.

(2) The permittee shall submit any additional relevant information requested by the Department or the Environmental Protection Agency concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.

(3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 CFR Part 68, including a checklist addressing the required elements of a complete RMP.

(c) As used in this plan approval condition, the term "process" shall be as defined in 40 CFR § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.

#013 [25 Pa. Code § 127.25]**Compliance Requirement**

A person may not cause or permit the operation of a source subject to § 127.11 (relating to plan approval requirements), unless the source and air cleaning devices identified in the application for the plan approval and the plan approval issued to the source, are operated and maintained in accordance with specifications in the application and conditions in the plan approval issued by the Department. A person may not cause or permit the operation of an air contamination source subject to this chapter in a manner inconsistent with good operating practices.

SECTION C. Site Level Plan Approval Requirements

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) All conditions contained in Title V Operating Permit 59-00004 remain in effect unless superseded or amended by conditions contained in this plan approval. If there is a conflict between a condition or requirement contained in this plan approval and a condition or requirement contained in Title V Operating Permit 59-00004, the permittee shall comply with the condition or requirement contained in this plan approval rather than the conflicting condition or requirement contained in Title V Operating Permit 59-00004.

(b) The permittee is allowed to continue to operate the Wheelabrator Corporation Tumbleblast shot blaster located in Plant 1 (Source ID 107) and the Wheelabrator model #14 tumblast machine located in Plant 3 (Source ID 163) until each machine is replaced by its respective Blast Cleaning Technologies shot blast machine.

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this plan approval including Section B (relating to Plan Approval General Requirements).

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

SECTION D. Source Level Plan Approval Requirements

Source ID: 107

Source Name: 3 TUMBLAST MACHINES

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12. Compliance with this condition also ensures compliance with 25 Pa. Code Section 123.13.]

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from Source ID 107 in such a manner that the concentration of particulate matter in the effluent gas from Control Device C19 exceeds 0.01 grains per dry standard cubic foot.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.**# 002 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Control Device ID C19 shall be equipped with instrumentation to continuously monitor the pressure differential across the collector.

003 [40 CFR Part 64 Compliance Assurance Monitoring for Major Stationary Sources §40 CFR 64.3]**Sections of PART 64****Monitoring design criteria**

(a) The permittee shall continuously monitor the pressure drop across control device C19 by use of the Photohelic gauge installed on control device C19.

(b) The permittee shall use the pressure drop across control device C19 to monitor the performance of the control device.

IV. RECORDKEEPING REQUIREMENTS.**# 004 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511]

The permittee shall keep records of calculations used to verify compliance with the particulate emission limitation for Source ID 107.

These records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

005 [40 CFR Part 64 Compliance Assurance Monitoring for Major Stationary Sources §40 CFR 64.9]**Sections of PART 64****Reporting and recordkeeping requirements**

(a) The permittee shall record the pressure drop across C19 on a daily basis whenever any of the sources identified under Source ID 107 are operating.

SECTION D. Source Level Plan Approval Requirements

- (b) The permittee shall record all excursions and corrective actions taken in response to an excursion and the time elapsed until the corrective action has been taken.
- (c) The permittee shall record all inspections, repairs and maintenance performed on the Photohelic gauge used to monitor the pressure drop across control device C19.
- (d) The permittee shall maintain records of all monitoring downtime incidents. The permittee shall also record the dates, times, durations, possible causes and corrective actions taken for the incidents.
- (e) The permittee shall keep all records for a period of five (5) years and make the records available to the Department upon request.

V. REPORTING REQUIREMENTS.

006 [40 CFR Part 64 Compliance Assurance Monitoring for Major Stationary Sources §40 CFR 64.9] Sections of PART 64 Reporting and recordkeeping requirements

- (a) The permittee shall report all excursions and corrective actions taken, their dates, times, durations and possible causes on a semiannual basis.
- (b) The permittee shall report all monitoring downtime incidents (other than those associated with calibration checks) their dates, times, durations, and possible causes on a semiannual basis.
- (c) Semiannual reports shall be submitted to the Department by March 1 (for the 6-month period from July to December of the previous year) and September 1 (for the 6-month period from January to June of the concurrent year).

VI. WORK PRACTICE REQUIREMENTS.

007 [25 Pa. Code §127.12b] Plan approval terms and conditions.

An appropriate preventative maintenance schedule shall be posted and followed. It shall include daily pressure differential checks as well as frequent bag and baghouse inspections. Corrective action will be taken where appropriate.

008 [25 Pa. Code §127.12b] Plan approval terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The permittee shall keep on hand a sufficient quantity of spare fabric collector bags for Control Device ID C19 in order to be able to immediately replace any bags requiring replacement due to deterioration resulting from routine operation of Source ID 107 and Control Device ID C19.

009 [40 CFR Part 64 Compliance Assurance Monitoring for Major Stationary Sources §40 CFR 64.6] Sections of PART 64 Approval of monitoring

- (a) The permittee shall adhere to a range of 1 inch to 9 inches of water column for the pressure drop across C19 so that operation within this range shall provide a reasonable assurance of compliance. A departure from the specified range at any time shall be defined as an excursion.
- (b) The permittee shall calibrate and check the accuracy of the Photohelic gauge taking into account the manufacturer's specifications at least annually.
- (c) The permittee shall maintain all monitoring equipment and stock parts necessary for routine repairs onsite.

010 [40 CFR Part 64 Compliance Assurance Monitoring for Major Stationary Sources §40 CFR 64.7] Sections of PART 64 Operation of approved monitoring

Should an excursion occur the permittee shall do the following:

- (a) The employee who observed the excursion shall immediately report the excursion to the shift supervisor.
- (b) The shift supervisor shall, as expeditiously as possible, troubleshoot the cause of the excursion and shall take corrective action to restore normal operation of the Photohelic gauge and/or control device C19 in accordance with good air pollution control practices for minimizing emissions.

SECTION D. Source Level Plan Approval Requirements

VII. ADDITIONAL REQUIREMENTS.

011 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Source ID 107 incorporates the following sources located in Plant 1:

Two (2) 14 cubic foot, Rosler JMT #14 tumbler blast cleaning and peening machines;
One (1) Blast Cleaning Technologies model BCTM-14D iron castings shot blast machine (approved under Plan Approval 59-00004J).

The air contaminant emissions from Source ID 107 shall be controlled by a Wheelabrator 1111TA model 120 fabric collector (Control Device C19).

012 [40 CFR Part 64 Compliance Assurance Monitoring for Major Stationary Sources §40 CFR 64.8]

Sections of PART 64

Quality improvement plan (QIP) requirements

(a) The permittee shall develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable if any of the following occur:

- (1) Six (6) excursions occur in a six (6) month reporting period.
- (2) The Department determines after review of all reported information that the permittee has not responded acceptably to an excursion.

(b) The QIP should be developed within 60 days and the permittee shall provide a copy of the QIP to the Department.

Furthermore, the permittee shall notify the Department if the period for completing the improvements contained in the QIP exceeds 180 days from the date on which the need to implement the QIP was determined.

(c) The permittee shall record actions taken to implement a QIP during a reporting period and all related actions including, but not limited to, inspections, repairs, and maintenance performed on the Photohelic gauge.

(d) The QIP shall include procedures for evaluating the control performance problems. Based on the results of the evaluation procedures, the permittee shall modify the QIP and provide the Department with a copy, to include procedures for conducting more frequent, or improved, monitoring in conjunction with one or more of the following:

- (1) Improved preventive maintenance practices,
- (2) Process operation changes,
- (3) Appropriate improvements to the control methods,
- (4) Other steps appropriate to correct performance.

(e) Following implementation of a QIP, the Department will require reasonable revisions to the QIP if the plan has failed to either:

- (1) Address the cause of the performance problems of the Photohelic gauge.
- (2) Provide adequate procedures for correcting the performance problems of the device(s) in an expeditious manner and according to good air pollution control practices.

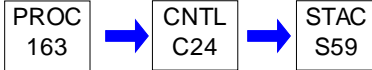
(f) Implementation of a QIP shall not excuse the permittee from compliance with any existing emission limitation or standard or any existing monitoring, testing, reporting or recordkeeping requirements that may apply under any federal, state, or local law.

SECTION D. Source Level Plan Approval Requirements

Source ID: 163

Source Name: 5 TUMBLAST MACHINES

Source Capacity/Throughput:



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 127.1 and 127.12. Compliance with this condition also ensures compliance with 25 Pa. Code Section 123.13.]

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from Source ID 163 in a manner such that the concentration of particulate matter in the effluent gas from Control Device C24 exceeds 0.01 grains per dry standard cubic foot. The only exception to this is if the only source in operation is the Wheelabrator model #14 tumblast machine. Under this operating scenario, the concentration of particulate matter in the effluent gas from Control Device ID C24 shall not exceed 0.04 grains per dry standard cubic foot.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 127.1 and 127.12]

Control Device ID C24 shall be equipped with instrumentation to monitor the pressure differential across the collector on a continuous basis. This instrumentation is to be maintained in operable condition at all times.

003 [40 CFR Part 64 Compliance Assurance Monitoring for Major Stationary Sources §40 CFR 64.3] Sections of PART 64

Monitoring design criteria

(a) The permittee shall continuously monitor the pressure drop across control device C24 by use of the Photohelic gauge installed on control device C24.

(b) The permittee shall use the pressure drop across control device C24 to monitor the performance of the control device.

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The permittee shall keep records of calculations used to verify compliance with the particulate emission limitation for Source ID 163. These records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

005 [40 CFR Part 64 Compliance Assurance Monitoring for Major Stationary Sources §40 CFR 64.9] Sections of PART 64

Reporting and recordkeeping requirements

(a) The permittee shall record the pressure drop across C24 on a daily basis whenever any of the sources identified under Source ID 163 are operating.

(b) The permittee shall record all excursions and corrective actions taken in response to an excursion and the time elapsed until the corrective action has been taken.

SECTION D. Source Level Plan Approval Requirements

- (c) The permittee shall record all inspections, repairs and maintenance performed on the Photohelic gauge used to monitor the pressure drop across control device C24.
- (d) The permittee shall maintain records of all monitoring downtime incidents. The permittee shall also record the dates, times, durations, possible causes and corrective actions taken for the incidents.
- (e) The permittee shall keep all records for a period of five (5) years and make the records available to the Department upon request.

V. REPORTING REQUIREMENTS.**# 006 [40 CFR Part 64 Compliance Assurance Monitoring for Major Stationary Sources §40 CFR 64.9]****Sections of PART 64****Reporting and recordkeeping requirements**

- (a) The permittee shall report all excursions and corrective actions taken, their dates, times, durations and possible causes on a semiannual basis.
- (b) The permittee shall report all monitoring downtime incidents (other than those associated with calibration checks) their dates, times, durations, and possible causes on a semiannual basis.
- (c) Semiannual reports shall be submitted to the Department by March 1 (for the 6-month period from July to December of the previous year) and September 1 (for the 6-month period from January to June of the concurrent year).

VI. WORK PRACTICE REQUIREMENTS.**# 007 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 127.1 and 127.12]

The permittee shall keep on hand a sufficient quantity of spare cartridges for Control Device ID C24 in order to be able to immediately replace any cartridges requiring replacement due to deterioration resulting from routine operation of Source ID 163 and Control Device ID C24.

008 [40 CFR Part 64 Compliance Assurance Monitoring for Major Stationary Sources §40 CFR 64.6]**Sections of PART 64****Approval of monitoring**

- (a) The permittee shall adhere to a range of 1 inch to 9 inches of water column for the pressure drop across C24 so that operation within this range shall provide a reasonable assurance of compliance. A departure from the specified range at any time shall be defined as an excursion.
- (b) The permittee shall calibrate and check the accuracy of the Photohelic gauge taking into account manufacturer's specifications at least annually.
- (c) The permittee shall maintain all monitoring equipment and stock parts necessary for routine repairs onsite.

009 [40 CFR Part 64 Compliance Assurance Monitoring for Major Stationary Sources §40 CFR 64.7]**Sections of PART 64****Operation of approved monitoring**

Should an excursion occur the permittee shall do the following:

- (a) The employee who observed the excursion shall immediately report the excursion to the shift supervisor.
- (b) The shift supervisor shall, as expeditiously as possible, troubleshoot the cause of the excursion and shall take corrective action to restore normal operation of the Photohelic gauge and/or control device C24 in accordance with good air pollution control practices for minimizing emissions.

VII. ADDITIONAL REQUIREMENTS.**# 010 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 127.1 and 127.12]

Source ID 163 is comprised of the following sources located in Plant 3:

SECTION D. Source Level Plan Approval Requirements

One (1) Wheelabrator model #14 tumblast machine;
One (1) 14 cubic foot, Rosler JMT #14 tumblast cleaning machine;
One (1) Metcast model M-14D iron castings shot blast machine (approved under Plan Approval 59-00004H);
One (1) Metcast model M-14D iron castings shot blast machine (approved under Plan Approval 59-00004I);
One (1) Blast Cleaning Technologies model BCTM-14D iron castings shot blast machine (approved under Plan Approval 59-00004J).

The air contaminant emissions from Source ID 163 shall be controlled by a Farr Tenkay model 32D cartridge collector (Control Device C24).

011 [40 CFR Part 64 Compliance Assurance Monitoring for Major Stationary Sources §40 CFR 64.8]**Sections of PART 64****Quality improvement plan (QIP) requirements**

(a) The permittee shall develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable if any of the following occur:

- (1) Six (6) excursions occur in a six (6) month reporting period.
- (2) The Department determines after review of all reported information that the permittee has not responded acceptably to an excursion.

(b) The QIP should be developed within 60 days and the permittee shall provide a copy of the QIP to the Department.

Furthermore, the permittee shall notify the Department if the period for completing the improvements contained in the QIP exceeds 180 days from the date on which the need to implement the QIP was determined.

(c) The permittee shall record actions taken to implement a QIP during a reporting period and all related actions including, but not limited to, inspections, repairs, and maintenance performed on the Photohelic gauge.

(d) The QIP shall include procedures for evaluating the control performance problems. Based on the results of the evaluation procedures, the permittee shall modify the QIP and provide the Department with a copy, to include procedures for conducting more frequent, or improved, monitoring in conjunction with one or more of the following:

- (1) Improved preventive maintenance practices,
- (2) Process operation changes,
- (3) Appropriate improvements to the control methods,
- (4) Other steps appropriate to correct performance.

(e) Following implementation of a QIP, the Department will require reasonable revisions to the QIP if the plan has failed to either:

- (1) Address the cause of the performance problems of the Photohelic gauge.
- (2) Provide adequate procedures for correcting the performance problems of the device(s) in an expeditious manner and according to good air pollution control practices.

(f) Implementation of a QIP shall not excuse the permittee from compliance with any existing emission limitation or standard or any existing monitoring, testing, reporting or recordkeeping requirements that may apply under any federal, state, or local law.



SECTION E. Alternative Operation Requirements.

No Alternative Operations exist for this Plan Approval facility.

**SECTION F. Emission Restriction Summary.**

No emission restrictions listed in this section of the permit.



SECTION G. Miscellaneous.



***** End of Report *****